

1/16

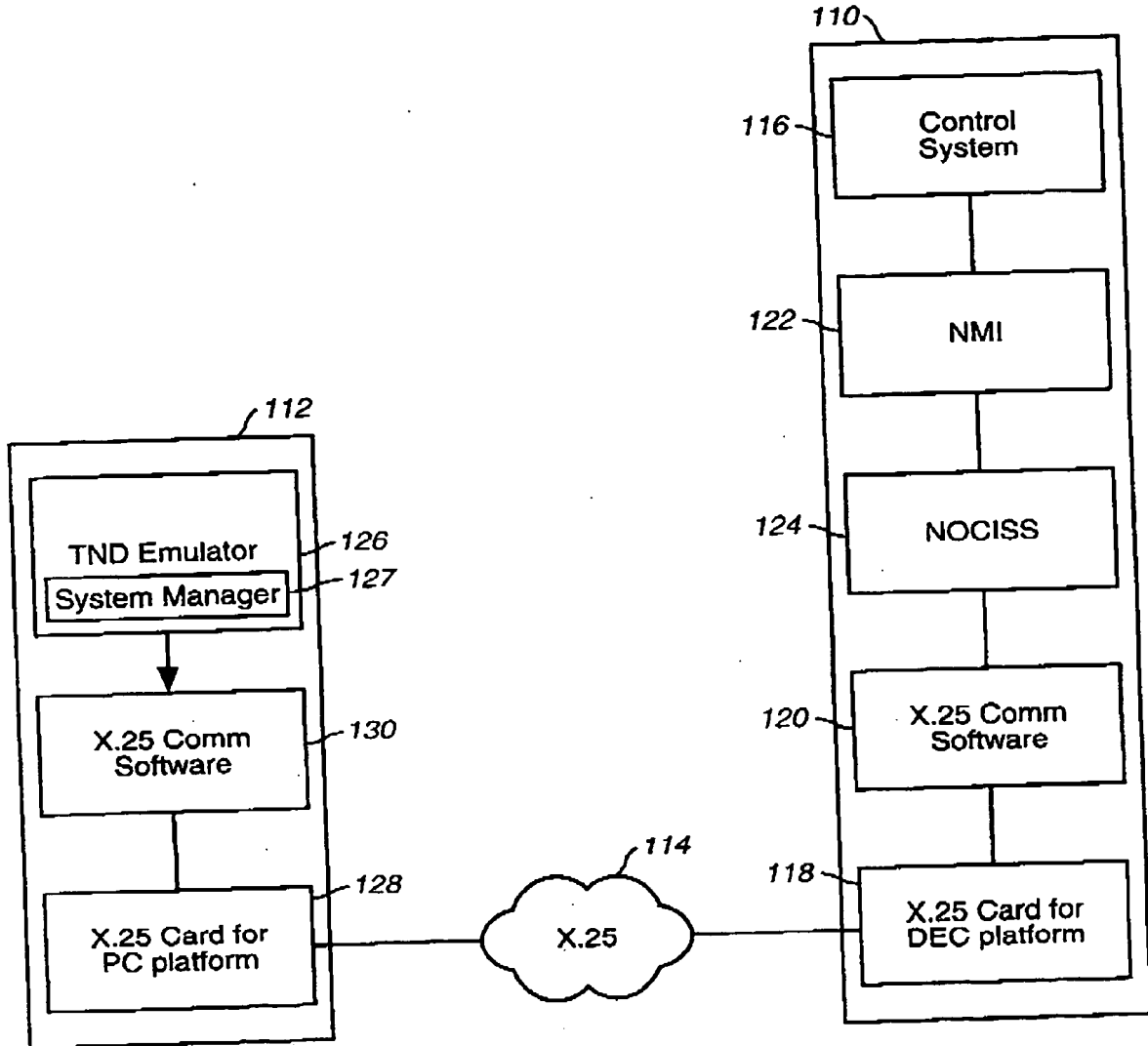


FIG. 1

2/16

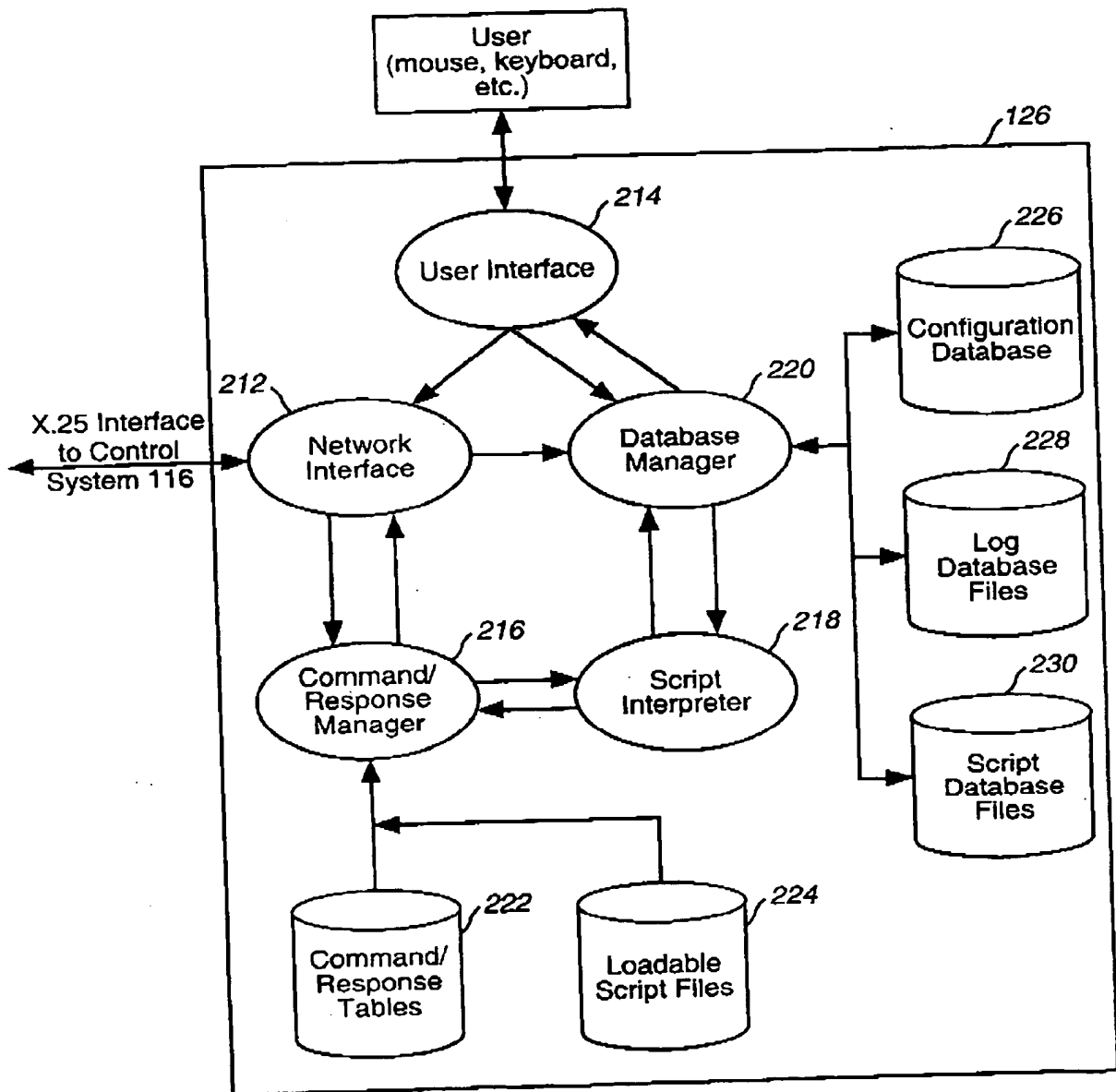
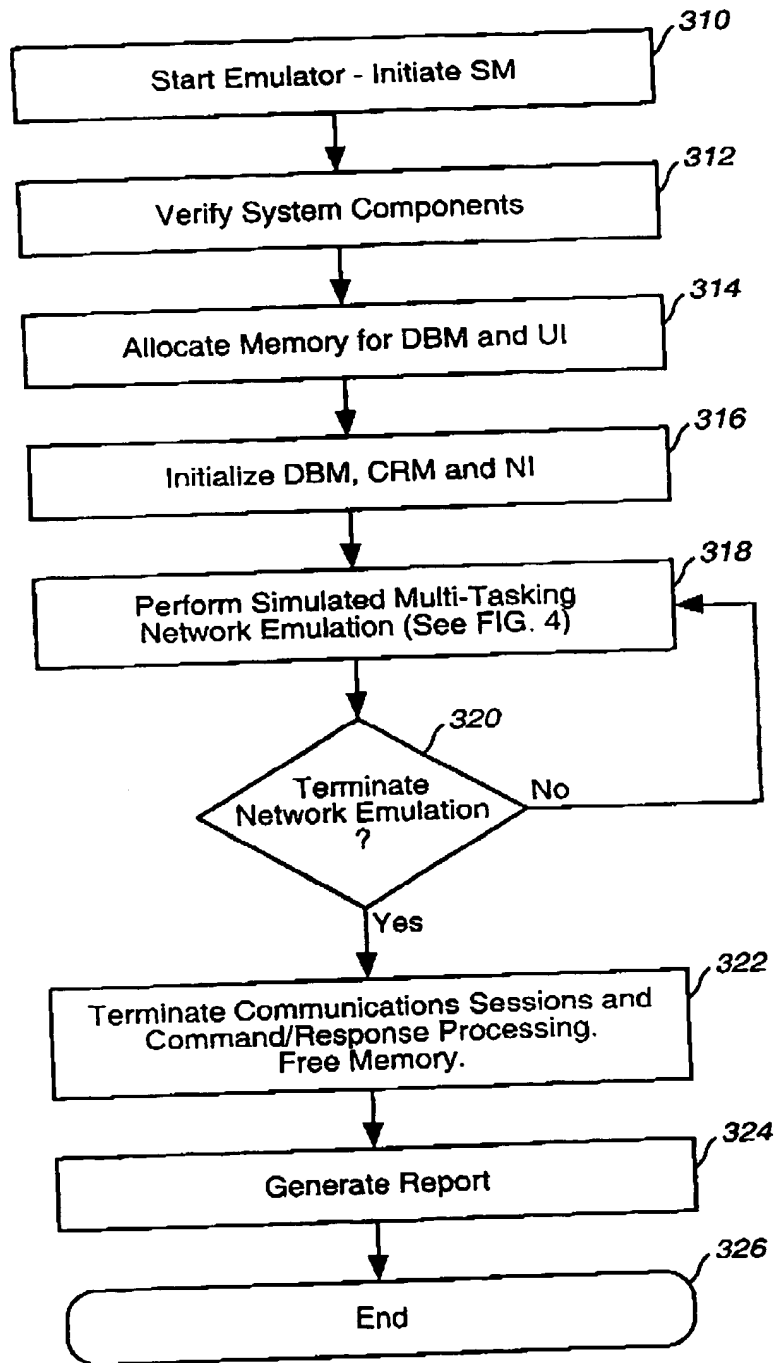


FIG. 2

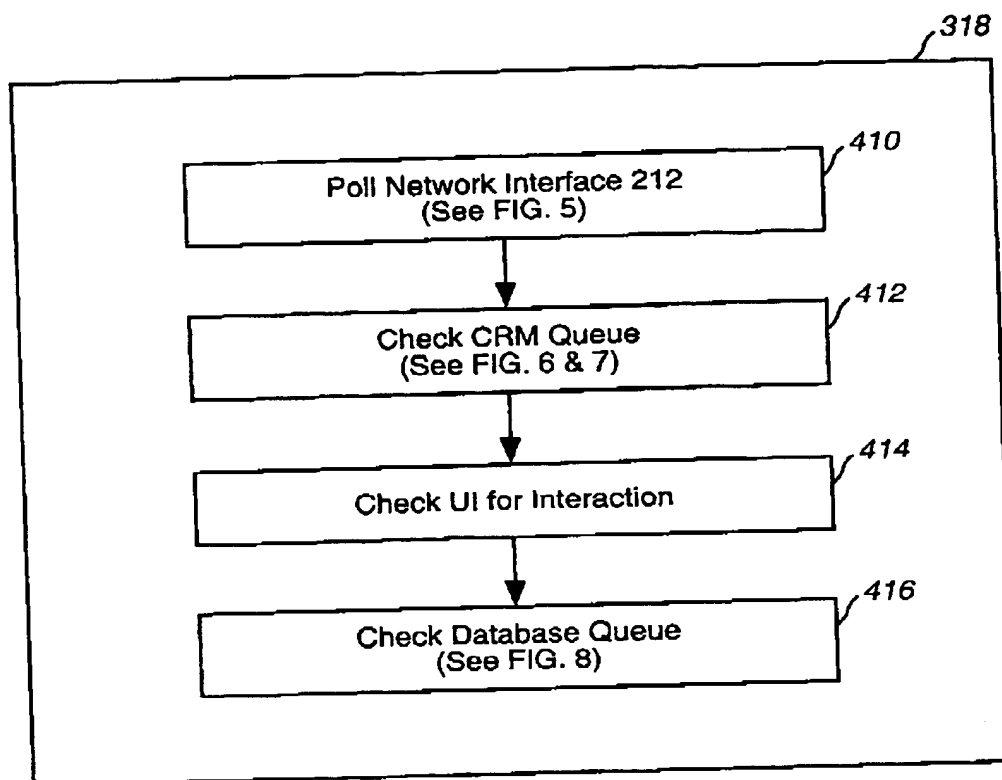
Sheets of Drawings: 3 of 16

3/16



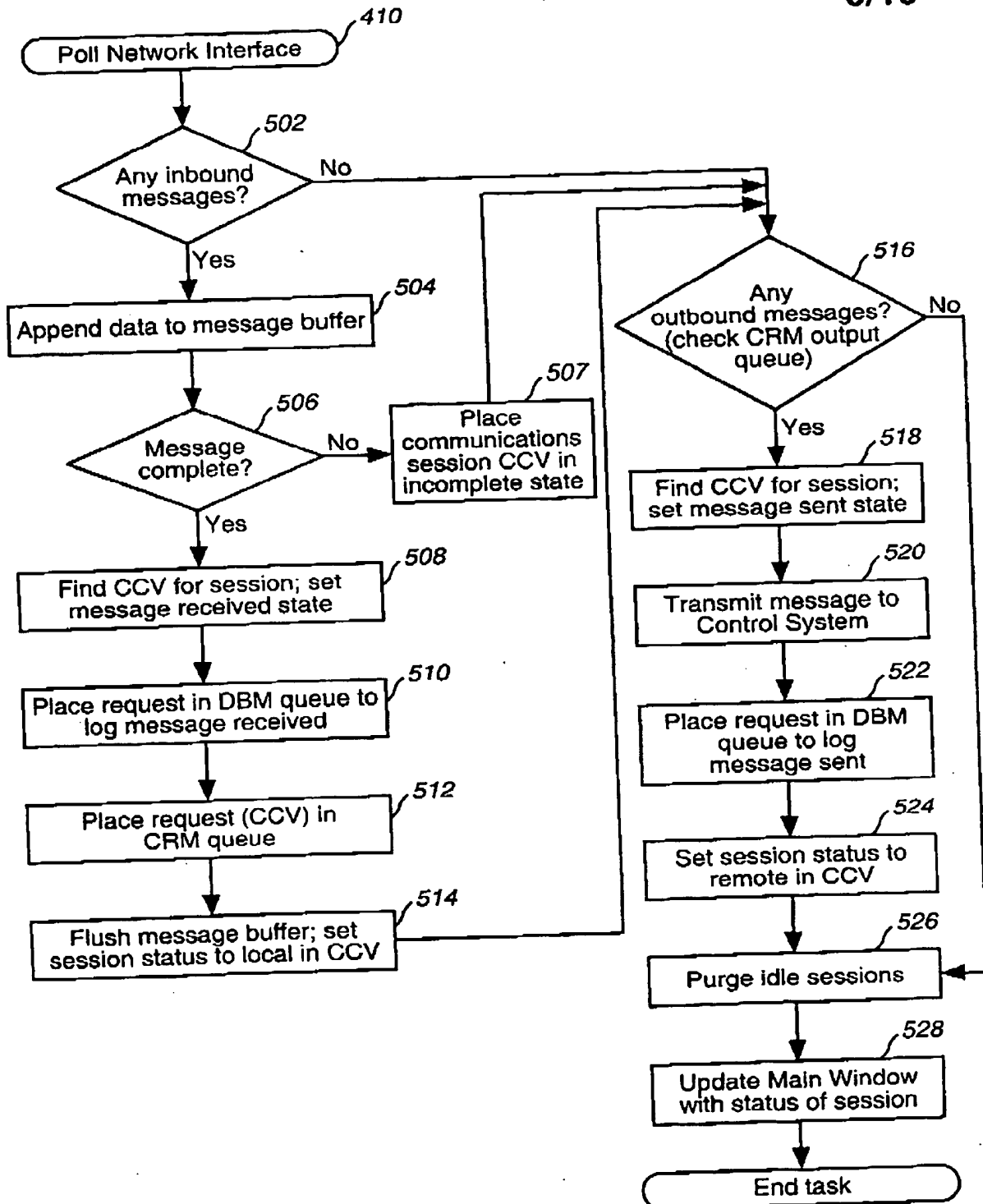
System Manager

FIG. 3

**4/16**

Simulated Multitasking

**FIG. 4**



Polling Network Interface

FIG. 5

Sheets of Drawings: 6 of 16

6/16

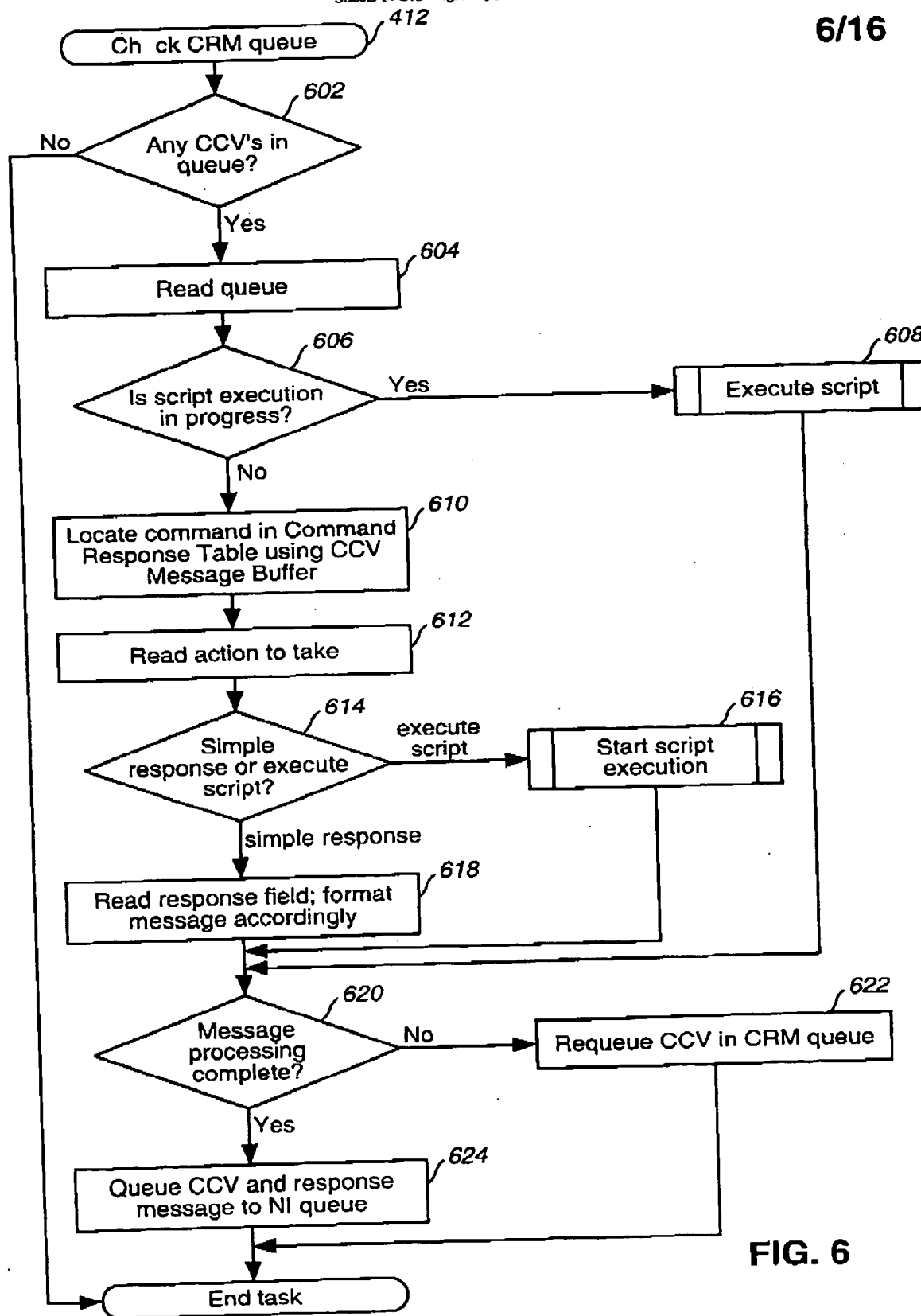


FIG. 6

Appl. No.: 08/987,849

Title: System and Method for Managing Computer System Resources Using...

Inventors: McLain Jr. et al.

Confirmation No.: 6786

Sheets of Drawings: 2 of 16

7/16

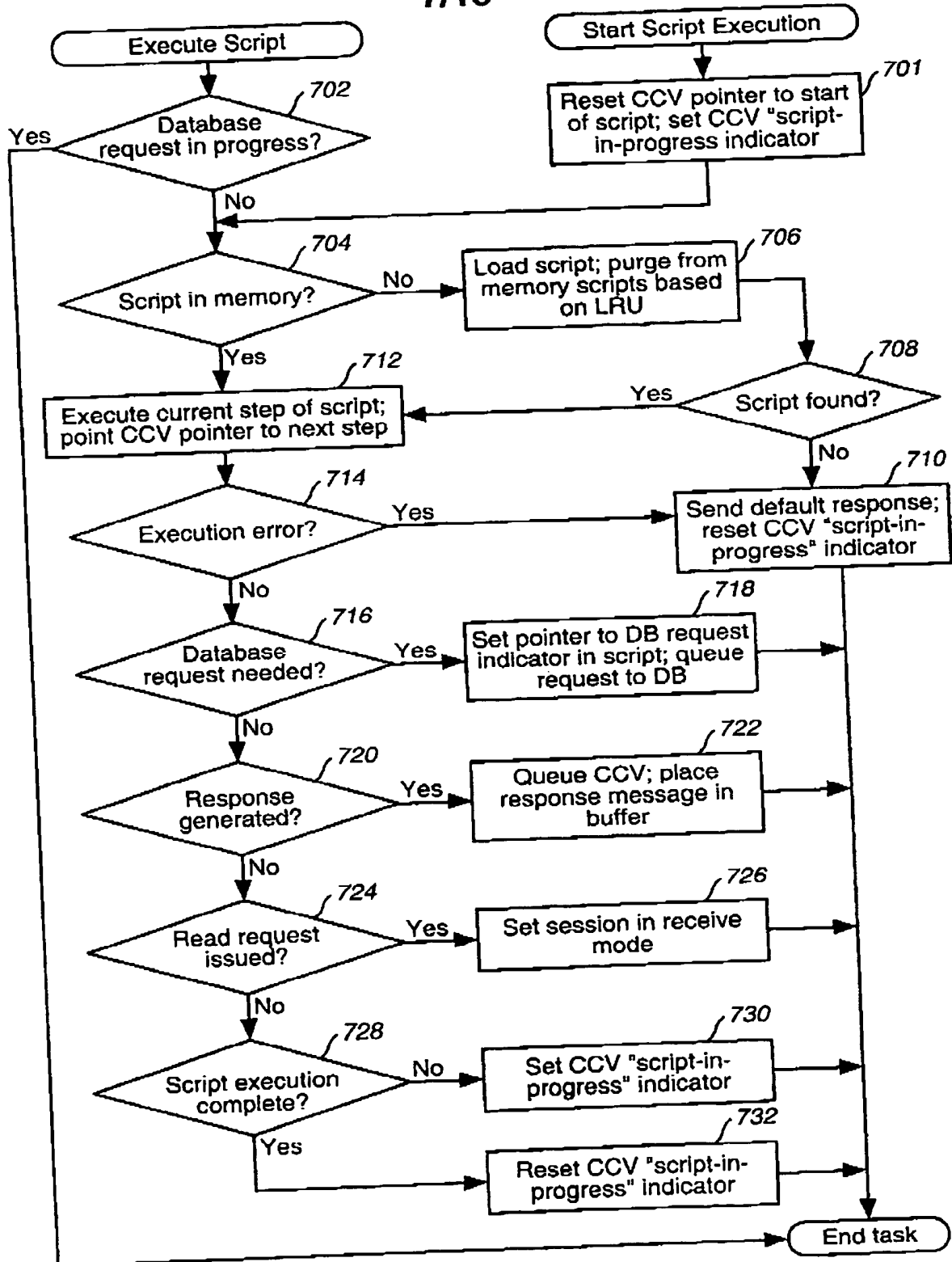
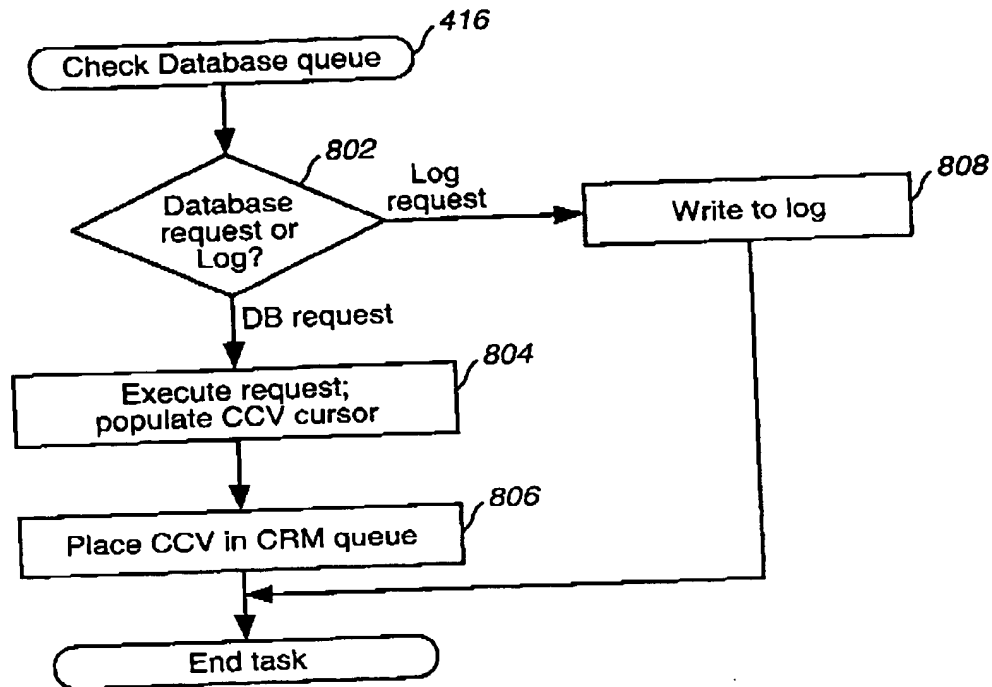


FIG. 7

Appln No.: 08/987,849  
Title: System and Method for Managing Computer System Resources Using...  
Inventors: McLain Jr. et al.  
Confirmation No.: 6786

Sheets of Drawings: 8 of 16

**8/16**

Checking Database Queue

**FIG. 8**



Appin No. 03/00000000  
 Title: System and Method for Managing Computer System Resources  
 Inventors: McLain Jr. et al.  
 Confirmation No.: 6786

Sheets of Drawings: 9 of 16

9/16

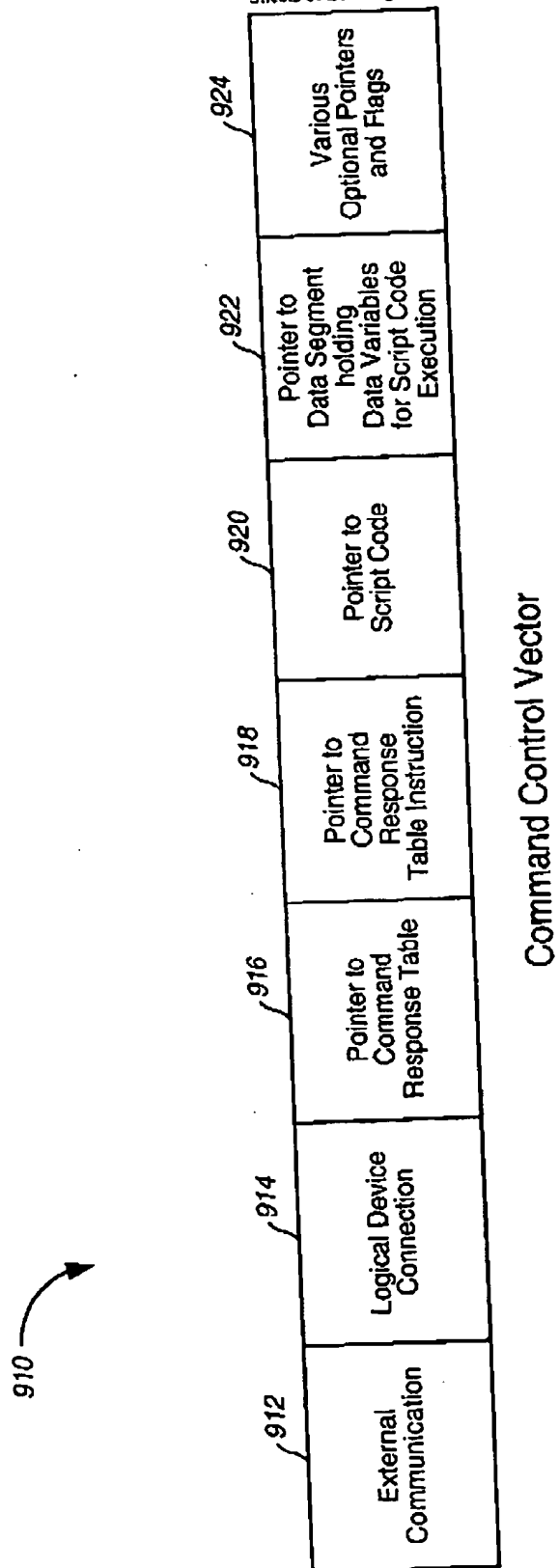


FIG. 9

Appln No.: 08/987,849

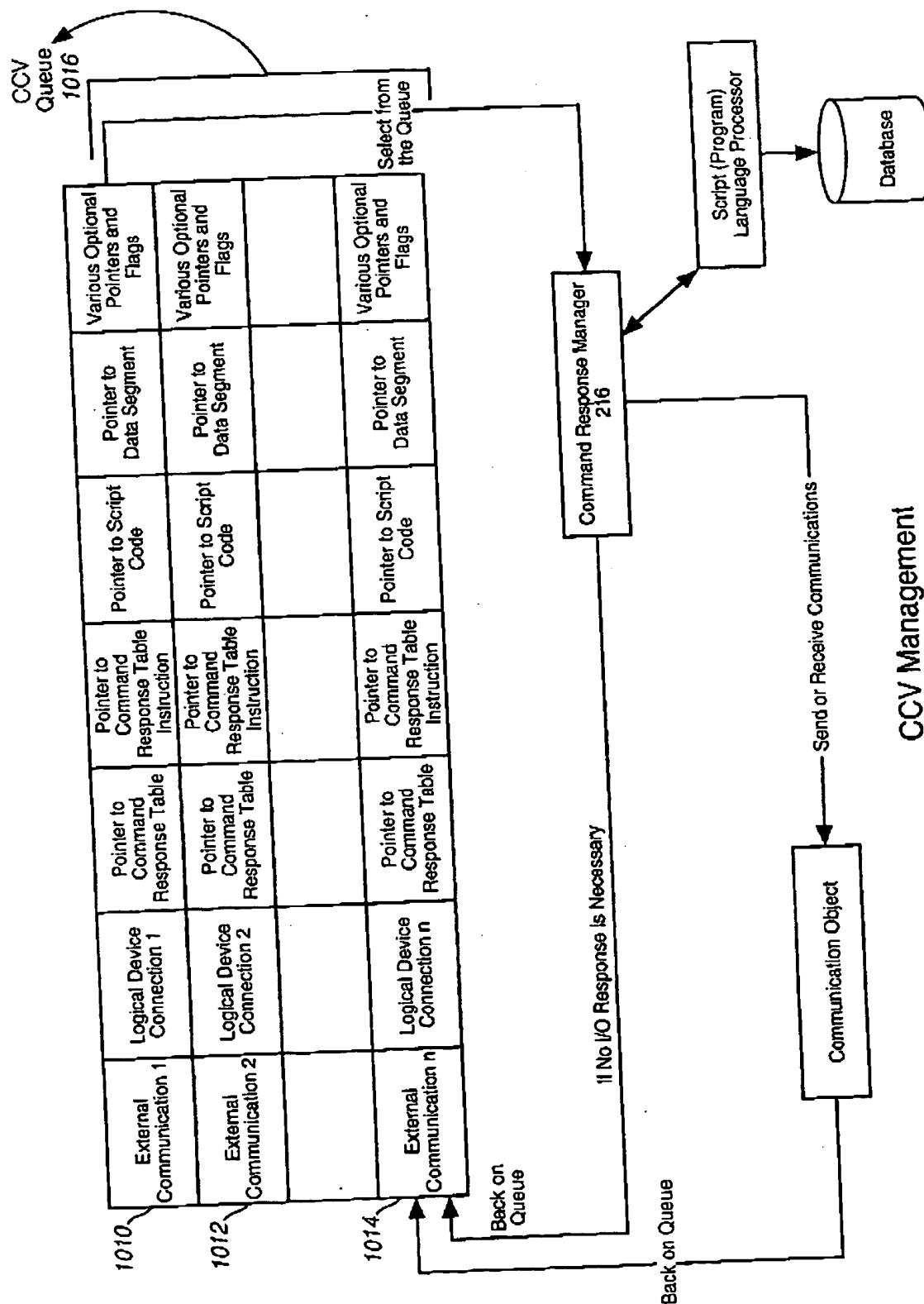
Title: System and Method for Managing Computer System Resources Using...

Inventors: McInain Jr. et al.

Confirmation No.: 6786

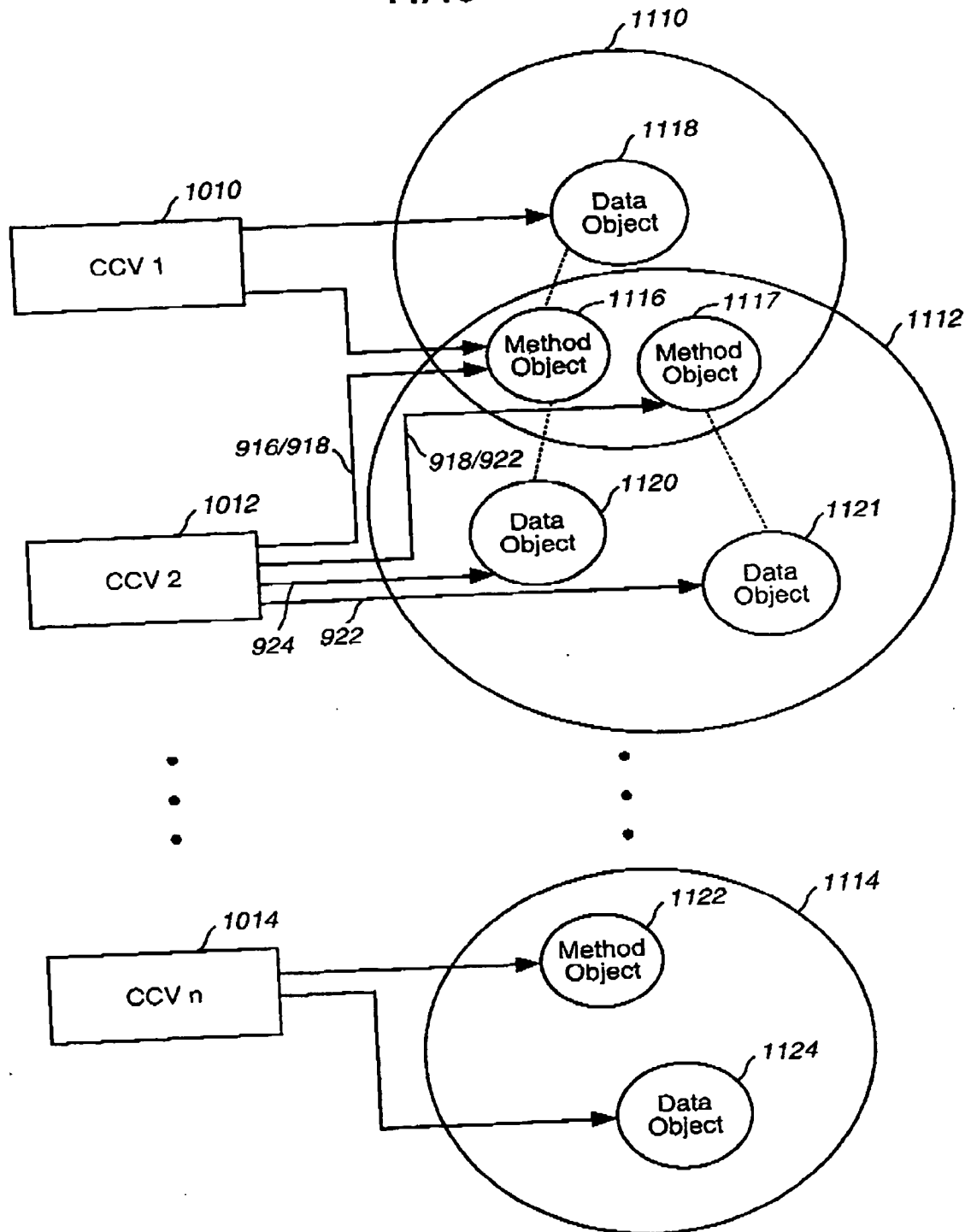
Sheets of Drawings: 10 of 16

10/16



Sheets of Drawings: 11 of 16

11/16



Virtual Objects

FIG. 11

Applicant No.: 357001  
 Title: System and Method for Managing Computer System Resources  
 Inventors: McLain Jr. et al.  
 Confirmation No.: 6786

Sheets of Drawings: 12 of 16

12/16

Field Name	Type	Index	Description
FinID	A5	Y	Finance ID
DevType	A8	Y	Generic Name of Table
DOSName	A8	N	Unique DOS File Name

Table 5

Field Name	Type	Index	Description
DevID	A1	Y	Valid Device ID
DevType	A8	N	Valid Device Types

Table 1

Field Name	Type	Index	Description
Time	N	N	Time of event in HHMMSSSS format
Task	N	N	Task No. corresponding to Virtual Circuit Posting Log Message
Message	A80	N	Message posted

Table 3: Trace Log

Field Name	Type	Index	Description
Time	N	N	Time of event in HHMMSSSS format
FinID	A8	N	Finance ID of Session Logging Message
SessNo	A8	N	Session No. corresponding to the Virtual Circuit Posting Log Message
Message	A80	N	Message posted

Table 4: Communications Log

DevID	DevType
1	DMS250
2	DEX
3	CTS
4	SCX
5	AXE
6	DEX600E
8	STP
9	DAO
A	DXC
B	ESF
C	AP
D	CAC
E	DIM
F	LSE
G	MRS
H	SITECN
J	APC
K	(unk)
N	GATEWY
P	PRESID
S	NAOM
T	DAOM

Table 2

Database Tables for Configuration Database 226

FIG. 12

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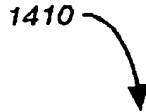
Appln No.: 08/987,849  
Title: System and Method for Managing Computer System Resources Using...  
Inventors: McLain Jr. et al.  
Confirmation No.: 6786

Sheets of Drawings: 13 of 16

13/16

Main Window				Realnet				332288 \ 15:00:14				V1.00c			
(c)MCI 1992	V-C #	Fin-Id	Dev-Type	V-C #	Fin-Id	Dev-Type	V-C #	Fin-Id	Dev-Type	V-C #	Fin-Id	Dev-Type	V-C #	Fin-Id	Dev-Type
↑	001	1	ATL2	DEX600E	021	1	ATL2	DEX600E	041	1	ATL2	DEX600E	041	1	ATL2
	002	1	POW2		022				042				042		
	003	1	GRN14		023				043				043		
	004	1			024				044				044		
	005	1			025				045				045		
	006	1			026				046				046		
	007	1			027				047				047		
	008	1			028				048				048		
	009	1			029				049				049		
	010	1			030				050				050		
	011	1			031				051				051		
	012	1			032				052				052		
	013	1			033				053				053		
	014	1			034				054				054		
	015	1			035				055				055		
	016	1			036				056				056		
	017	1			037				057				057		
	018	1			038				058				058		
	019	1			039				059				059		
	020	1			040				060				060		
ANICLS															
ANINDX															
FINDRT															
GAP															
Config	Real Time	Trace Log	Comm Log	Terminate											

FIG. 13

**14/16**1410  


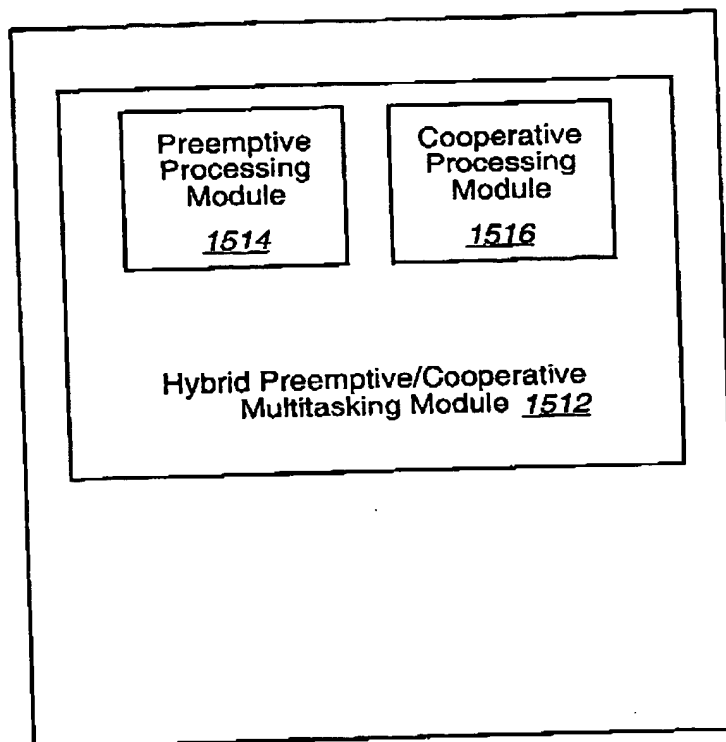
The Command Response Manager uses a Command Response Table to generate responses to messages.

	Column	Size	Description
1412	Entry	Integer	Unique Identifying Number
1414	Command	Varying 0-256 characters	Selection Criteria
1416	Response	Varying 0-256 characters	Response Text String
1418	Next Response	integer	pointer to next response entry
1420	Next Command	integer	pointer to next command entry
1422	Next Condition	integer	pointer to next condition entry
1424	Repeat	integer	repeat this message n times
1426	Delay	Integer	delay message n seconds

Command Response Table Format

**FIG. 14**

**15/16**



**System Manager 127**

**FIG. 15**

16/16

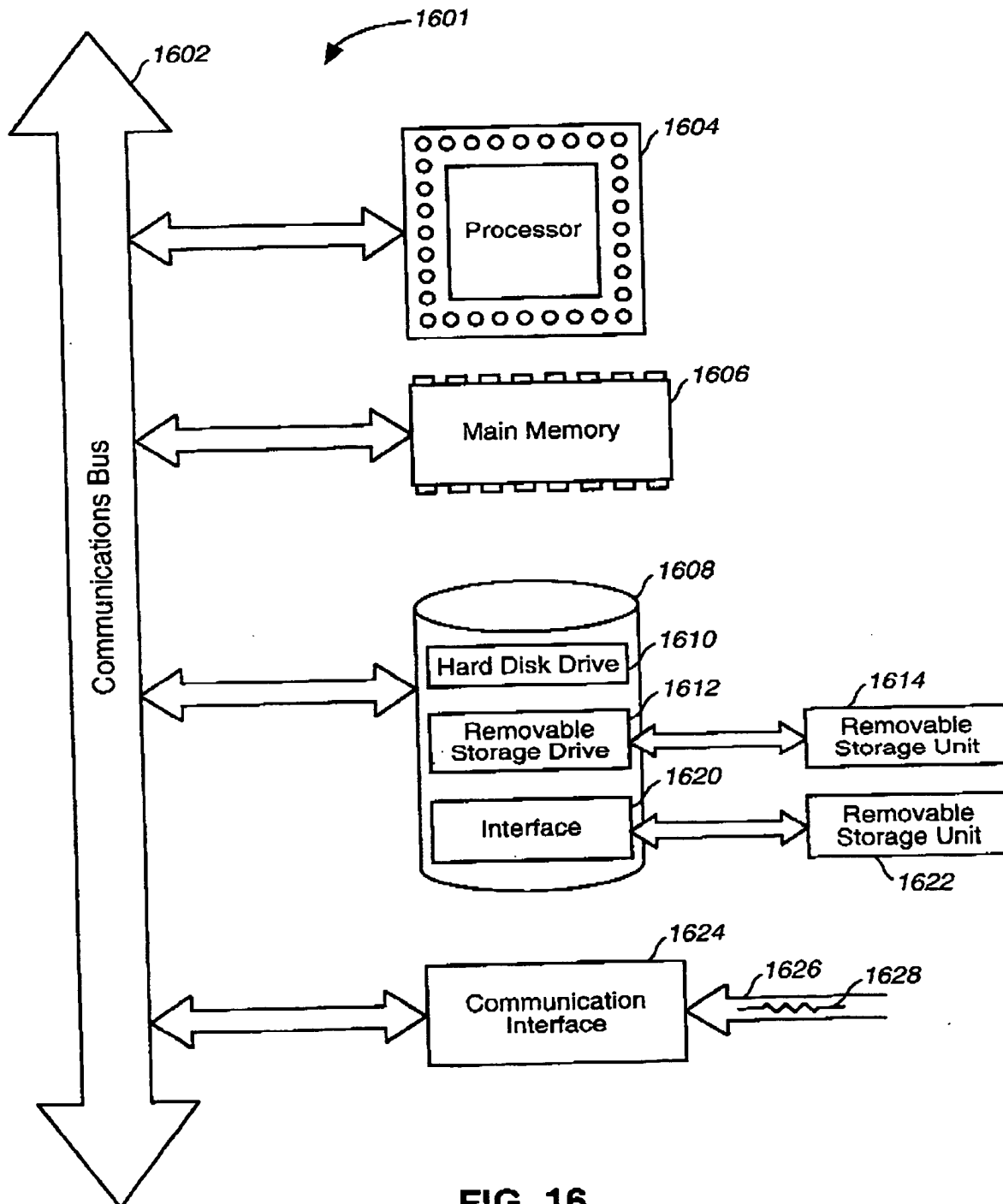


FIG. 16